

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



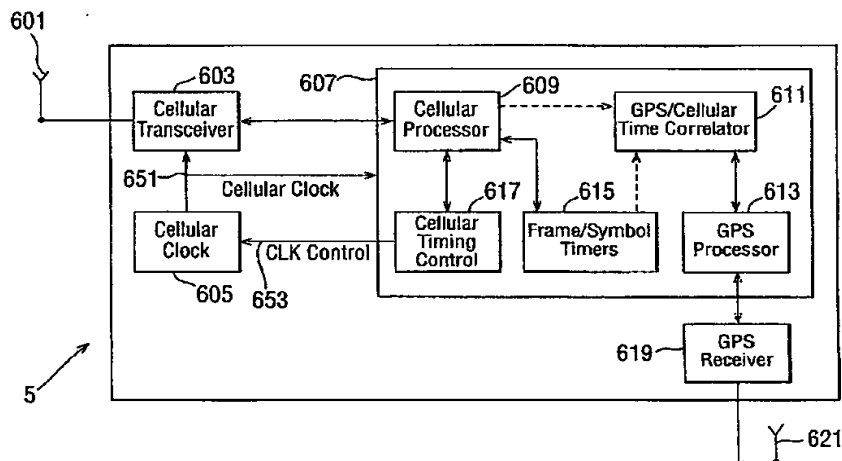
(43) International Publication Date
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number
WO 2005/062065 A1

- (51) International Patent Classification⁷: **G01S 1/00**
- (21) International Application Number:
PCT/IB2004/004250
- (22) International Filing Date:
16 December 2004 (16.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0329497.2 19 December 2003 (19.12.2003) GB
- (71) Applicant (for all designated States except US): **NOKIA CORPORATION [FI/FT]**; Keilalahdentie 4, FIN-02150 ESPOO (FI).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **RAPHAEL, Stephen, Anthony [GB/GB]**; Flat 2, 13 Hampton Road, Twickenham, Middx. TW2 5QE (GB). **DOSSAJI, Tai [GB/GB]**; 3 Jdaesa Court, 43 Somerset Road, New Barnet EN5 1SH (GB).
- (74) Agents: **SLINGSBY, Philip, Roy et al.**; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AI., AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A GPS DEVICE



(57) Abstract: A GPS device comprising: a first circuit arranged to receive at least one first signal and arranged to output first timing information dependent on the first signal; a second circuit arranged to receive at least one second signal and arranged to output second timing information dependent of the second signal; and a third circuit arranged to determine timing information of the device. The third circuit is arranged to receive at least one of the first and second timing information, and further arranged to produce third timing information dependent on at least one of the first and second signals. The third timing information is initially synchronised to the first timing information and maintained substantially synchronised to the at least one first signal using the second timing information.

WO 2005/062065 A1